

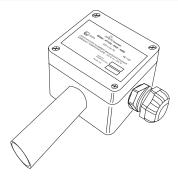
MONI-PT100-EXE-AMB

CONNECT AND PROTECT

Ambient sensing temperature sensor for hazardous area (PT100) 🖘



PRODUCT OVERVIEW



nVent RAYCHEM MONI-PT100-EXE-AMB is a PT100 temperature sensor connected to a glass fiber reinforced junction box, equipped with a preinstalled M20 gland. The unit is approved for hazardous areas.

The metal tube around the sensor gives mechanical protection and prevents the sensor for sudden temperature changes like by direct sunlight and/or wind.

PRODUCT SPECIFICATIONS

PT100 (3-Wire) acc. DIN IEC 751, Class B
Sensor: stainless steel (MI) Protection tube: brass
Assembly -50°C to +60°C (Sensor measuring range from -100°C to +500°C)
Glass fiber reinforced box (Black) M4 captive stainless steel cover screws.
IP66
Box: Width = 80 mm Height = 75 mm Depth = 55 mm Installed: Width = \sim 110 mm Height = \sim 200 mm
M20 suitable for cable diameters ranging from 10 mm to 14 mm
-50°C to +60°C
Surface mount via molded holes centered at 68 x 45 mm. Any installation position is allowed.
4 front entry cage clamp terminals suitable for cables from 0.5 to 2.5 mm ²

APPROVALS

For use in ordinary and hazardous area Zone 1 and Zone 2 (Gas), Zone 21 and Zone 22 (Dust)

Temperature classification:

T6

Product certification













More details about product certification, approvals and conditions of safe use are available in the installation manual at www.nVent.com/RAYCHEM

ORDERING INFORMATION	
Part number	1244-004451

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